Notice of Allowability    Populos 20		Application	No.	Applicant(s)	·	
Raminer   Luan Thai   2827		Application No.		Applicant(s)		
The MAILING DATE of this communication appears on the cover sheet with the correspondence address—All claims being allowable. PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed). A Notice of Nouvence (PTOL-93) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1. ☑ This communication is responsive to the amendment filled 03/03/03. 2. ☑ The allowed claim(s) is/are 1-11, 13-14 and 33-34 (neumbered as 1-15, respectively). 3. ☑ The drawings filled on 20 µl/v 1999 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(e)-(d) or (f). 3. ☐ Local filled copies of the priority documents have been received in Application No. ☐ International Bureau (PCT Rule 17-2(a)).  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17-2(a)).  4. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). 4. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application). 4. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application). 4. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application). 4. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application). 5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application). 6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application). 7. ☐ Acknowledgment is made of a claim f	Notice of Allowability					
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Notice of Allowability

Part of Paper No. 29.

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## **EXAMINER'S AMENDMENT**

This Office action is responsive to the amendment filed on March 03, 2003.

Claims 12 and 25-32 have been canceled.

Claims 1-11, 13-24 and 33-34 are pending in the application.

- 1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
- The application has been amended as follows:
   Cancel claims 15-24.

Authorization for this examiner's amendment was given in a telephone interview with applicant's attorney, Mr. Larry N. Anagnos, on May 19, 2003.

- 3. Claims 1-11, 13-14 and 33-34 are allowed and renumbered as 1-15, respectively.
- 4. The following is an examiner's statement of reasons for allowance: The prior art taken either singly or in combination fails to anticipate or fairly suggest the limitations of: a plurality of through hole wirings formed at both sides of the device hole and extending from one surface to the other surface of the base substrate and being electrically connected to the plurality of lead portions, the semiconductor chip having a reduced thickness defined by spin-etching of the back surface, a plurality of bump electrodes formed on the one surface of the base substrate at the plurality of through hole wirings and being electrically connected to the plurality of lead portions, wherein the bump electrodes provide

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a connection with a printed circuit board, while the plurality of through hole wirings at the other surface of the base substrate provide a connection with another device to be mounted on the tape carrier, as recited in independent claims 1 and 33, especially when these limitations are considered within the specific combination claimed

- 5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Luan Thai whose telephone number is (703) 308-1211. The examiner can normally be reached on 7:00 AM 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Talbott can be reached on (703) 305-9883. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Luan Thai May 17, 2003

David L. Talbott Supervisory patent examiner Technology center 2800